

Docket No.: KCC-17,441

UNITED STATES PATENT AND TRADEMARK OFFICE

Young C. KO Applicants:

Stanley R. KELLENBERGER

**David Martin JACKSON** 

Dave A. SOERENS Jason M. LAUMER

Sridhar RANGANATHAN

Serial No.:

10/017,681

Filing Date: 14 December 2001

Title:

PROCESS FOR ADDING SUPERABSORBENT TO A PRE-

FORMED FIBROUS WEB VIA IN SITU POLYMERIZATION

## FIRST INFORMATION DISCLOSURE STATEMENT

**Assistant Commissioner for Patents** Washington, D.C. 20231

Dear Sir:

In accordance with Rules 1.56 and 1.98, References AA-AK (Sheet 1 of 3) and AA-AI (Sheet 2 of 3) listed on Form PTO-1449 are cited and discussed on Pages 2, 4, 5, 12 and 21 of the referenced patent application and are brought to the

I hereby certify that this correspondence (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on 17 May 2002

17 May 2006 Date Signature Serial No.: 10/017,760 Docket No.: KCC-17,441

attention of the Examiner as being possibly material to examination of this application.

The remaining references listed on Form PTO-1449 are also brought to the attention of the Examiner as being possibly material to examination of this application.

Form PTO-1449 (3 pages) is enclosed with a copy of each and every reference cited on Form PTO-1449.

Respectfully submitted,

Maxwell J. Petersen Regis. No. 32,772

Pauley Petersen Kinne & Erickson 2800 West Higgins Road; Suite 365 Hoffman Estates, Illinois 60195 TEL (847) 490-1400 FAX (847) 490-1403



|                                                                                                                                                                |          |                      |                                 |                              |              |            | Sheet 1     | of <u>3</u> |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------|---------------------------------|------------------------------|--------------|------------|-------------|-------------|--|
| FORM PTO-1449<br>(MODIFIED)                                                                                                                                    |          |                      |                                 | ATTY. DOCKET NO.<br>KCC-17,4 | (            |            |             | D/017,681   |  |
| LIST OF PRIOR ART CITED BY APPLICANT  P E Use several sheets if necessary)  MAY 2 1 2002  MAY 2 1 2002 |          |                      | APPLICANT(S) Young C. KO et al. |                              |              |            |             |             |  |
|                                                                                                                                                                |          |                      | FILING DATE  14 December 2001   |                              | GROUP        |            |             |             |  |
| ,                                                                                                                                                              | 11/10    | U.S.                 | PATENT D                        | OCUMENTS                     |              |            |             |             |  |
| *EXAMINER<br>INITIAL                                                                                                                                           |          | DOCUMENT NUMBER      | DATE                            | NAME                         | CLASS        | SUBCLASS   | FILING DA   |             |  |
|                                                                                                                                                                | AA       | 3,849,241            | 11/1974                         | Butin et al.                 |              |            |             |             |  |
|                                                                                                                                                                | АВ       | 4,340,563            | 07/1982                         | Appel et al.                 |              |            |             |             |  |
|                                                                                                                                                                | AC       | 3,692,618            | 09/1972                         | Dorschner et al.             |              |            |             |             |  |
|                                                                                                                                                                | AD       | 3,802,817            | 04/1974                         | Matsuki et al.               |              |            |             |             |  |
|                                                                                                                                                                | AE       | 3,338,992            | 08/1967                         | Kinney                       | ]            |            |             |             |  |
|                                                                                                                                                                | AF       | 3,341,394            | 09/1967                         | Kinney                       |              |            |             |             |  |
|                                                                                                                                                                | AG       | 3,502,763            | 03/1970                         | Hartmann                     |              |            |             |             |  |
|                                                                                                                                                                | АН       | 3,502,538            | 03/1970                         | Petersen                     |              |            |             |             |  |
|                                                                                                                                                                | Al       | 3,542,615            | 11/1970                         | Dobo et al.                  |              |            |             |             |  |
|                                                                                                                                                                | AJ       | 3,901,236            | 08/1975                         | Assarsson et al.             |              |            |             |             |  |
|                                                                                                                                                                | AK       | 4,076,663            | 02/1978                         | Masuda et al.                |              |            |             |             |  |
|                                                                                                                                                                |          | FOREIG               | N PATEN                         | T DOCUMENTS                  |              |            |             |             |  |
|                                                                                                                                                                |          |                      |                                 | 0.0111.000                   | CLASS        | CLIDCI ACC | TRANSLATION |             |  |
|                                                                                                                                                                |          | DOCUMENT NUMBER      | DATE                            | COUNTRY                      | CLASS        | SUBCLASS   | YES         | NO          |  |
|                                                                                                                                                                | AL       | 719 531              | 07/1996                         | EPO                          | <u> </u>     |            |             |             |  |
|                                                                                                                                                                | АМ       | 729 336              | 06/1998                         | EPO                          | <u> </u>     |            |             |             |  |
|                                                                                                                                                                | AN       | 98/51251             | 11/1998                         | PCT                          | <del> </del> |            |             |             |  |
|                                                                                                                                                                | AO       | 95/13778             | 05/1995                         | PCT                          | ļ            |            |             |             |  |
|                                                                                                                                                                | AP       | 01/23177             | 04/2001                         | PCT                          | <u> </u>     |            | Abstract    |             |  |
|                                                                                                                                                                |          | OTHER PRIOR ART (Inc | luding Autho                    | or, Title, Date, Pertinent   | Pages, Etc.) |            |             |             |  |
|                                                                                                                                                                | AR       |                      |                                 | ·                            |              |            |             |             |  |
|                                                                                                                                                                | ļ."\<br> |                      |                                 |                              |              |            |             |             |  |
|                                                                                                                                                                | AS       |                      |                                 | <del></del>                  |              |            |             |             |  |
|                                                                                                                                                                |          | <del> </del>         |                                 |                              |              |            |             |             |  |
|                                                                                                                                                                | l        | L                    |                                 |                              |              |            |             |             |  |

DATE CONSIDERED **EXAMINER** 

**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

|                                        |                                      |                      |                  |                             |                  |             | Sheet _2_             | of <u>3</u> |  |  |
|----------------------------------------|--------------------------------------|----------------------|------------------|-----------------------------|------------------|-------------|-----------------------|-------------|--|--|
| • FORM PTO-1449                        |                                      | U.S. DEPARTMENT OF   | ATTY. DOCKET NO. |                             | SERIAL NO.       |             |                       |             |  |  |
| (MODIFIED) PATENT AND TRADEMARK OFFICE |                                      |                      |                  | KCC-17,44                   | 10/              | 10/017,681  |                       |             |  |  |
| Lis                                    | LIST OF PRIOR ART CITED BY APPLICANT |                      |                  | APPLICANT(S)                |                  |             |                       |             |  |  |
| Use several sheets if necessary)       |                                      |                      |                  | Young C. KO et al.          |                  |             |                       |             |  |  |
| /                                      | , , , ,                              | nna                  |                  | FILING DATE                 |                  | GROUP       |                       |             |  |  |
|                                        | MAY 2 1 7002 W                       |                      |                  |                             | 2001             | GROOF       |                       |             |  |  |
| Ca,                                    |                                      |                      |                  |                             | 14 December 2001 |             |                       |             |  |  |
| ,                                      | U.S. PATENT DOCUMENTS                |                      |                  |                             |                  |             |                       |             |  |  |
| *EXAMINER<br>INITIAL                   |                                      | DOCUMENT NUMBER      | DATE             | NAME                        | CLASS            | SUBCLASS    | FILING D<br>IF APPROF |             |  |  |
|                                        | AA                                   | 4,100,324            | 07/1978          | Anderson et al.             |                  |             |                       |             |  |  |
|                                        | АВ                                   | 4,286,082            | 08/1981          | Tsubakimoto et al.          | <u> </u>         |             |                       |             |  |  |
|                                        | AC                                   | 4,818,464            | 04/1989          | Lau                         |                  |             |                       |             |  |  |
|                                        | AD                                   | 4,902,559            | 02/1990          | Eschwey et al.              |                  |             |                       |             |  |  |
|                                        | AE                                   | 5,350,624            | 09/1994          | Georger et al.              |                  |             |                       |             |  |  |
|                                        | AF                                   | 5,875,967            | 03/1999          | Ruth, III                   |                  |             |                       |             |  |  |
|                                        | AG                                   | 5,962,068            | 10/1999          | Tsuchiya et al.             |                  |             |                       |             |  |  |
|                                        | АН                                   | 6,019,457            | 02/2000          | Silverbrook                 |                  |             |                       |             |  |  |
|                                        | AI                                   | 6,024,438            | 02/2000          | Koike et al.                |                  |             |                       |             |  |  |
| _ <b>,</b>                             | AJ                                   | 4,500,315            | 02/1985          | Pieniak et al.              |                  |             |                       |             |  |  |
|                                        | AK                                   | 4,537,590            | 08/1985          | Pieniak et al.              |                  |             |                       |             |  |  |
|                                        |                                      | FOREIG               | N PATEN          | T DOCUMENTS                 |                  | ·           |                       |             |  |  |
| •                                      |                                      | DOCUMENT NUMBER      | DATE             | COUNTRY                     | CLASS            | SUBCLASS    | TRANSL                | ATION       |  |  |
|                                        |                                      | DOCOMENT NOMBER      | DATE             | COUNTRY                     | CLASS            | SUBCLASS    | YES                   | NO          |  |  |
|                                        | AL                                   | 00/55418             | 09/2000          | PCT                         |                  |             | Abstract              |             |  |  |
|                                        | AM                                   |                      | !                |                             |                  | <u> </u>    |                       |             |  |  |
|                                        | AN                                   |                      |                  |                             | <del></del>      |             |                       |             |  |  |
|                                        | AO<br>AP                             |                      |                  |                             |                  |             |                       |             |  |  |
|                                        | 1_^_                                 | OTHER PRIOR ART (Inc | cluding Autho    | or Title Date Pertinent P   | lages Etc.)      |             |                       | <u> </u>    |  |  |
|                                        |                                      | OTTERT RIOR ART INC  | nading Addit     | or, rido, Date, r cranosa r | ages, Etc.)      |             |                       |             |  |  |
|                                        | AR                                   | AR                   |                  |                             |                  |             |                       |             |  |  |
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|                                        | AT                                   |                      |                  |                             | <del></del>      |             |                       |             |  |  |
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**\*EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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**EXAMINER** 

| Sheet | 3 | of    | 3 |
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| FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE (MODIFIED)  PATENT AND TRADEMARK OFFICE                                                                                                                                                        |          |                      | KCC-17,44    | 11                                  | SERIAL NO.<br>10/017,681 |          |                      |       |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|----------------------|--------------|-------------------------------------|--------------------------|----------|----------------------|-------|
| LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)                                                                                                                                                                    |          |                      |              | APPLICANT(S)  Young C. KO et al.    |                          |          |                      |       |
| MAY 2 1 2002 W                                                                                                                                                                                                                            |          |                      |              | FILING DATE GROUP  14 December 2001 |                          |          |                      |       |
|                                                                                                                                                                                                                                           |          |                      |              |                                     |                          |          |                      |       |
| *EXAMINER<br>INITIAL                                                                                                                                                                                                                      |          | DOCUMENT NUMBER      | DATE         | NAME                                | CLASS                    | SUBCLASS | FILING (<br>IF APPRO |       |
|                                                                                                                                                                                                                                           | AA       | 4,540,454            | 09/1985      | Pieniak et al.                      |                          |          |                      |       |
|                                                                                                                                                                                                                                           | AB       | 4,559,050            | 12/1985      | Iskra                               |                          |          |                      |       |
|                                                                                                                                                                                                                                           | AC       | 4,560,372            | 12/1985      | Pieniak                             |                          |          |                      |       |
|                                                                                                                                                                                                                                           | AD       | 4,596,567            | 06/1986      | Iskra                               |                          |          |                      |       |
|                                                                                                                                                                                                                                           | ΑE       | 4,605,402            | 08/1986      | Iskra                               |                          |          |                      |       |
|                                                                                                                                                                                                                                           | AF       | 4,676,784            | 06/1987      | Erdman et al.                       |                          |          |                      |       |
|                                                                                                                                                                                                                                           | AG       | 5,549,928            | 08/1996      | Trokhan et al.                      |                          |          |                      |       |
|                                                                                                                                                                                                                                           | АН       | 5,674,478            | 10/1997      | Dodd et al.                         |                          |          |                      |       |
|                                                                                                                                                                                                                                           | Al       | 5,821,179            | 10/1998      | Masaki et al.                       |                          |          |                      |       |
|                                                                                                                                                                                                                                           | AJ       | 6,022,610            | 02/2000      | Phan et al.                         |                          |          |                      |       |
|                                                                                                                                                                                                                                           | AK       | 6,086,950            | 07/2000      | Masaki et al.                       |                          |          |                      |       |
|                                                                                                                                                                                                                                           |          | FOREIG               | N PATENT     | DOCUMENTS                           | <del>,</del>             |          |                      |       |
|                                                                                                                                                                                                                                           |          | DOCUMENT NUMBER      | DATE         | COUNTRY                             | CLASS                    | SUBCLASS | TRANSL               | ATION |
|                                                                                                                                                                                                                                           |          |                      |              |                                     | 0                        |          | YES                  | NO    |
|                                                                                                                                                                                                                                           | AL       |                      |              | <u></u>                             |                          |          |                      |       |
|                                                                                                                                                                                                                                           | AM<br>AN |                      |              | <del></del>                         |                          |          |                      |       |
|                                                                                                                                                                                                                                           | AO       |                      |              |                                     |                          |          |                      |       |
|                                                                                                                                                                                                                                           | AP       |                      |              |                                     |                          |          |                      |       |
|                                                                                                                                                                                                                                           |          | OTHER PRIOR ART (Inc | luding Autho | r, Title, Date, Pertinent P         | ages, Etc.)              |          |                      |       |
|                                                                                                                                                                                                                                           | AR       |                      |              |                                     |                          |          |                      |       |
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| *EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. |          |                      |              |                                     |                          |          |                      |       |